DRAWINGS

F I G. 1

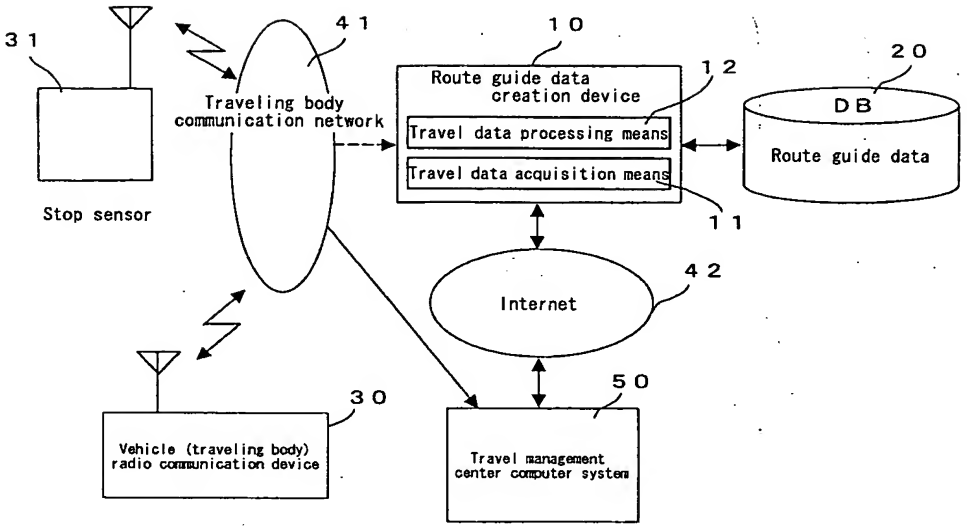

FIG. 2

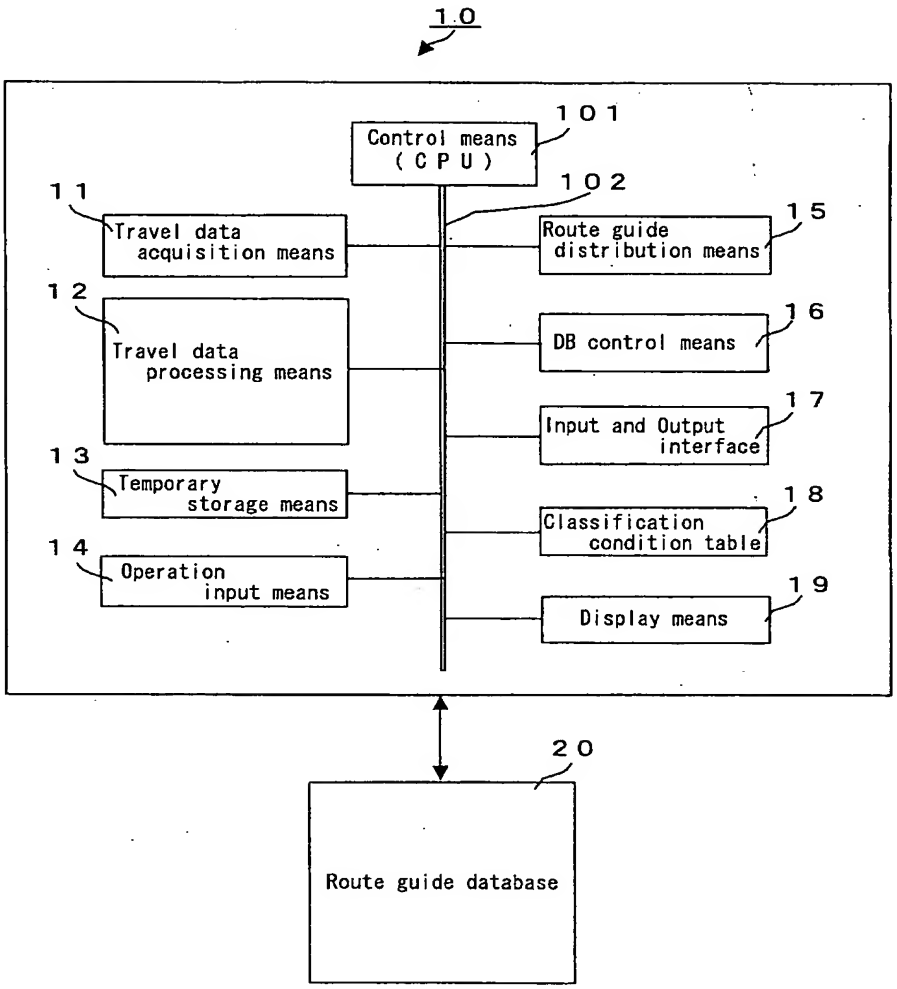
10
101
Control means
(CPU)
102
11
Travel data
acquisition means
12
Travel data
processing means
13
Temporary
storage means
14
Operation
input means
15
Route guide
distribution means
16
DB control means
17
Input and Output
interface
18
Classification
condition table
19
Display means
20
Route guide database

FIG. 3

Vehicle ID	Route code	The number of bus stops from the first bus stop	Next bus stop code	Arrival time at the previous bus stop	Departure time from the previous bus stop
1001	301	1	30102	8:25:15	8:30:25
51	101	7	10108	8:30:20	8:30:30
2201	331	2	33003	8:30:20	8:30:31
2201	331	3	33004	8:32:30	8:32:30
1001	301	2	30103	8:37:00	8:37:10
2201	331	4	33005	8:34:30	8:34:30
51	101	8	10109	8:38:55	8:38:55
1001	301	3	30104	8:39:00	8:39:00

FIG. 4

Vehicle ID	Route code	The number of bus stops from the first bus stop	Next bus stop code	Arrival time at the previous bus stop	Departure time from the previous bus stop
1001	301	1	30102	8:25:15	8:30:25
1001	301	2	30103	8:37:00	8:37:10
1001	301	3	30104	8:39:00	8:39:00
1001	301	4	30105	8:40:50	8:40:59
⋮			⋮		
1001	301	21	99999	9:29:00	9:34:15
1001	302	1	30221	9:29:00	9:34:15
2201	331	3	33004	8:32:30	8:32:30
2201	331	4	33005	8:34:30	8:34:30
2201	331	5	33007	8:35:15	8:35:25
2201	331	6	33007	8:36:35	8:36:35
2201	331	7	33008	8:37:50	8:38:05
2201	331	8	33009	8:39:50	8:40:05
			⋮		

(a)

A

① Vehicle ID	② Route code	③ Departing bus stop code	④ Departing time	⑤ Arriving bus stop code	⑥ Arriving time
1001	301	30101	8:30:25	30102	8:37:00
1001	301	30102	8:37:10	30103	8:39:00
2201	331	33004	8:34:30	33005	8:35:15
2201	331	33005	8:35:25	33007	8:37:50
2201	331	33007	8:38:05	33008	8:39:50

(b)

FIG. 5

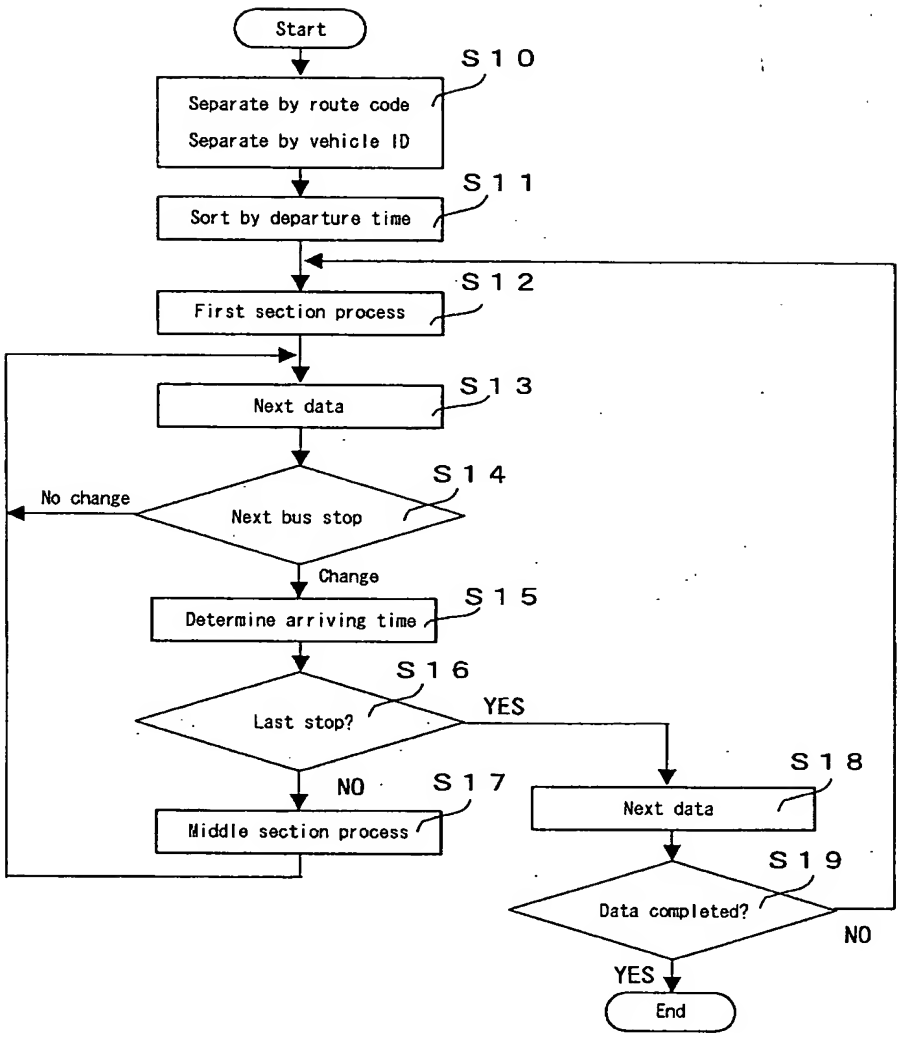
Start
S10
Separate by route code
Separate by vehicle ID
S11
Sort by departure time
S12
First section process
S13
Next data
S14
No change
Next bus stop
Change
S15
Determine arriving time
S16
Last stop?
YES
NO
S17
Middle section process
S18
Next data
S19
Data completed?
NO
YES
End

FIG. 6

Route guide data storage DB

Classification condition	Route guide data storing section
Rainy weekday	Route guide data A
Rainy Sat/Sun/Holiday	Route guide data B
Rainy weekday at the end of the month	Route guide data C
Weekday	Route guide data D
Sat/Sun/Holiday	Route guide data E
Weekday at the end of the month	Route guide data F

FIG. 7

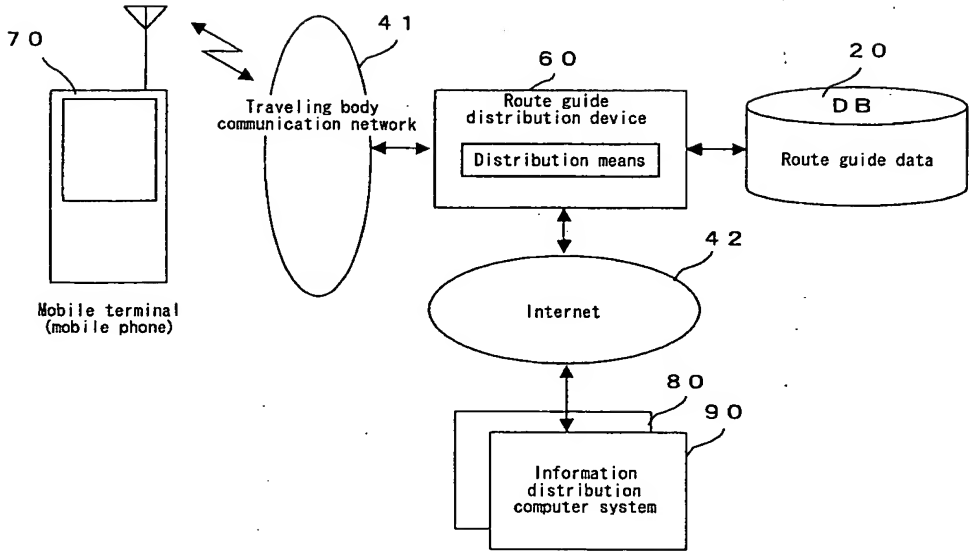
70
41
60
20
Traveling body communication network
Route guide distribution device
Distribution means
DB
Route guide data
42
Internet
80
90
Information distribution computer system
Mobile terminal (mobile phone)

FIG. 8

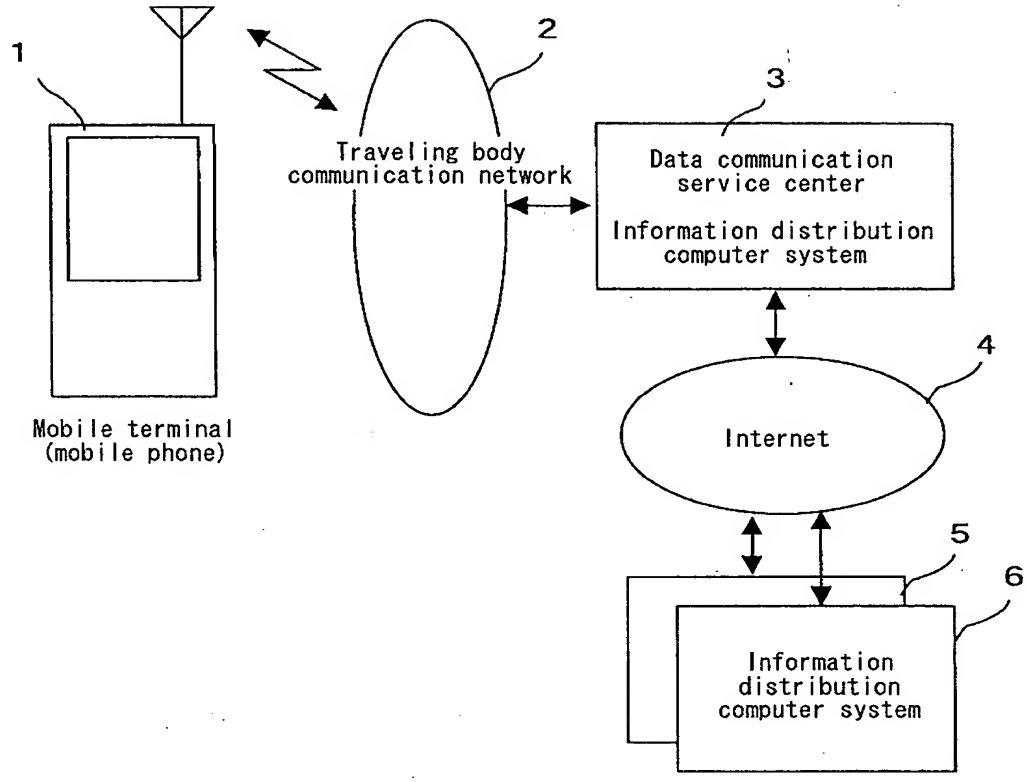
1
2
3
4
5
6
Traveling body communication network
Data communication service center
Information distribution computer system
Internet
Information distribution computer system
Mobile terminal (mobile phone)

FIG. 9

Travel route No.	Name of bus stop					Weekday
5 a.m.						
6 a.m.	5	25	45			
7 a.m.	0	15	30	45		
8 a.m.	0	10	20	30	40	50
:						
12 p.m.	5	35				
:						
6 p.m.	0	10	20	30	40	50
7 p.m.	0	15	30	45		
8 p.m.	5	25	45			
9 p.m.						